

Help

Main Menu
Search Form
Result Set
ShowWS Numbers
Edit WS Numbers

First Hit

Previous Document

Next Document

Full
Citation
Review
Classification
Date
Reference

Document Number 1

Entry 3 of 3

File:DERWENT

February 15, 1999

DERWENT-ACC-NO: 1998-568305

DERWENT-WEEK: 199844

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TITLE:

Determining if obesity in a person is caused by Ad-36 virus - and providing the basis for treatment or prevention of obesity-causing, cholesterol reducing adenovirus, using the purified variant, Ad-36p

INVENTOR:ATKINSON, R L; DHURANDHAR, N V

PATENT-ASSIGNEE: OBETECH LLC[OBETN]

PRIORITY-DATA: 1997US-0042942 (April 4, 1997)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 9844946 A1	October 15, 1998	E	013	A61K 039/235

DESIGNATED-STATES: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES F I GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD S E SZ UG ZW

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
WO 9844946A1	N/A	1998WO-US06730	April 6, 1998

IPC: A61K039/235; C12N007/00 ; C12Q001/70 ; G01N033/53

ABSTRACTED-PUB-NO:WO 9844946A

BASIC-ABSTRACT:A method to determine if a person is suffering viral obesity, comprising immunoassay or nucleic acid probe hybridisation of body fluid, faeces, or sample tissue, to detect infection by an obesity-causing and cholesterol reducing adenovirus, is new.Also claimed is substantially purified Ad-36p. USE - The method is used to determine whether obesity in a person has a viral basis. Use of Ad-36p to detect viral infection and thus susceptibility to becoming obese, as the basis of a vaccine to prevent viral-based obesity, and as a method to reduce serum levels of total triglyceride, cholesterol, and low-density-lipoprotein-a ssociated cholesterol, is disclosed. ADVANTAGE - Substantially purified Ad-36p is more sensitive in immunoassay s than the prior art ATCC Ad-36 culture, which contains a number of variants.

CHOSEN-DRAWING:Dwg.0/0

TITLE-TERMS:

DETERMINE OBESITY PERSON CAUSE VIRUS BASIS TREAT PREVENT OBESITY CAUSE
CHOLESTEROL REDUCE ADENOVIRUS PURIFICATION VARIANT

DERWENT-CLASS: B04 D16 J04 S03

CPI-CODES: B04-F11; B12-K04A; D05-H06; D05-H09; D05-H12D1; J04-B01;

EPI-CODES: S03-E14H4;

CHEMICAL-CODES:

Chemical Indexing M1 *01*

Fragmentation Code

M423 M750 M903 N102 Q233 V500 V560

Chemical Indexing M6 *02*

Fragmentation Code

M903 P831 Q233 R512 R521 R528 R530 R535 R611 R613

R627 R635

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers:

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Non-CPI Secondary Accession Numbers:

N1998-442131

Main Menu	Search Form	Result Set	Show WS Numbers	Edit WS Numbers	
First Hit	Previous Document		Next Document		
Full	Citation	Review	Classification	Date	Reference
Help					
